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## PERIODICALS

The REVIEW is indebted to Robert F. Foerster for abstracts of articles in Italian periodicals, and to R. S. Saby for abstracts of articles in Danish and Swedish periodicals.

### Economic History, Foreign

(Abstracts by Clive Day)

ARDZROONI, L. *Commerce and industry in Spain during ancient and mediaeval times.* Journ. Pol. Econ., May, 1913. Pp. 31.

BULL, E. *Die sozialistische Bewegung in Norwegen.* Archiv f. Gesch. d. Sozialismus, III, 1913. Pp. 28.

CARISTIA, A. *Le idée sociali di A. F. Ozanam.* Riv. Intern., Apr., 1913. Pp. 12.

Ozanam was a distinguished Roman Catholic of the first half of the nineteenth century, who wrote influentially regarding the problems of poverty.

GONNER, E. C. K. *The population of England in the eighteenth century.* Journ. Royal Statist. Soc., Feb., 1913. Pp. 35.

A critical examination of previous estimates and of the material on which they are based; with an attempt to establish more accurate figures.

HAMMERICH, H. *De dansk-vestindiske Oer.* Nat ök. Tids., Nov.-Dec., 1912. Pp. 8.

A lecture on the social and economic conditions in the Danish West Indies.

HAYEM, J. *L'industrie de la draperie en France et la fabrication des draps à Romorantin, depuis Colbert jusqu'à la Révolution (1660-1789).* Rev. Intern. du Comm., Mar., 1913. Pp. 32.

Beginning of a series of articles, contributing from the archives new information on one of the important topics of industrial history.

JENKINSON, H. and STEAD, M. T. *William Cade, a financier of the twelfth century.* Eng. Hist. Rev., Apr., 1913. Pp. 18.

Printing an original roll of the reign of Henry II which lists the credits of a Christian money-lender and fiscal agent of the Crown, "the first English financier." The list shows transactions amounting to £5,000 in less than 200 items.

KEITH, T. *The influence of the convention of the royal burghs of Scotland on the economic development of Scotland before 1707.* Scottish Hist. Rev., Apr., 1913. Pp. 21.

An appreciation, from one point of view, of Scotch economic development and policy in the sixteenth and seventeenth centuries.

KUSKE, B. *Wirtschaftsgeschichte an Handelshochschulen.* Zeitschr. f. d. ges. Staatswis., No. 2, 1913. Pp. 18.

A strong plea for more attention to economic history in colleges of commerce, with a detailed program of the ground to be covered and

the methods to be employed, and with far-reaching promises of the benefits to be gained.

NEYMARCK, A. *Le développement économique, commercial, industriel et financier depuis un siècle et le mouvement international des marchandises.* Journ. de Soc. de Stat. de Paris, Jan., 1913.

PASTERIS, E. *Una missione sul Baltico.* Riv. Intern., May, 1913. Pp. 21.

A traveler's reflections on social aspects of northern Germany.

WILLGREN, K. *Zur Agrargeschichte Schwedens im früheren Mittelalter.* Jahrb. f. Nat. Oek., Feb., 1913. Pp. 28.

Review of some of the characteristic features of Swedish agrarian development, with references to modern writers and to the sources; interesting but not always convincing.

### Economic Geography

(Abstracts by E. V. D. Robinson)

BROWN, R. G. *The conservation of water powers.* Harvard Law Rev., May, 1913.

CAHEN, H. *La houille blanche.* Mus. Soc. Mém. & Doc., Apr., 1913.

Largely technical, describing different types of installations and the industries employing hydraulic power; map of zones of hydro-electric power; also brief summary of legislation.

DALE, D. P. *The work of the United States Reclamation Service.* Wis. Engr., Feb., 1913.

ECKEL, E. C. *The iron and steel possibilities of the South.* Mfrs. Rec., Mar. 27, 1913.

ECKERT, M. *Die wirtschaftsgeographische und handelspolitische Bedeutung der Weltmeere.* Geographische Zeitschr., XVIII, 2, 1913.

GRAY, L. C. *The economic possibilities of conservation.* Quart. Journ. Econ., May, 1913.

A very careful discussion, bringing out the economic prerequisites and effects of conservation.

KNOWLES, M. *Public utility regulation and its relation to water conservation.* Pro. Engrs. Soc. of W. Penn., Jan., 1913.

LEWIS, J. H. *State and national water laws, with detailed statement of the Oregon system of water titles.* Pro. Am. Soc. of Civ. Engrs., Mar., 1913.

MCCRATH, W. H. *The Connecticut Power Company.* Stone & Webster Pub. Serv. Journ., June, 1913.

The corporation represents a consolidation controlling various long-time franchises.

PARKER, E. W. *The geographical distribution of mining development in the United States.* Bul. Am. Inst. of Min. Engrs., Mar., 1913.

WAPPES, L. *Zur Systematik und Methodologie der Fortswissenschaft.* Archiv f. Sozialwis., Jan., 1913.

————— *Cost of irrigation works per acre supplied with water.* Engg. News, May 15, 1913.

Cost rising because easiest projects undertaken first, and prices of materials and labor advancing. Average cost per acre recently \$53 in private projects, \$41 on U. S. reclamation projects, six per cent interest on deferred payments on private projects; none on government projects. Government work also more permanent.

————— *What is the matter with irrigation?* Engg. News, June 12, 1913.

Irrigation bonds practically unsalable. Many concerns have been fraudulent; most of the others have failed because not enough bona fide farmers of sufficient intelligence and capital could be found to occupy the land. The land speculator has been the greatest obstacle to the success of federal irrigation projects.

————— Case and Comment, March, 1913.

Contains the following: "Who owns the water powers?" by R. C. Brown; "Governmental diversion of nontidal waters," G. J. Couch; "Percolating water and the common law," H. P. Farnham; "Correlative rights in percolating waters," L. A. Wilder; "The law of irrigation in the Far West," J. B. Clayberg; "Early history of the doctrine of appropriation," J. R. Long; "The reclamation of the arid West," S. E. Bowdle.

## Agricultural Economics

(Abstracts by James B. Morman)

ARDANT, G., et al. *Les transformations agraires de la Russie*. Réf. Soc., May 1, 1913. Pp. 22, 18.

Reviews the history of land tenure systems in Russia from 468 to the present time. The data include accounts of the decadence of communal ownership, the changing relations of the peasant to the soil, and the rise of individual land ownership. The issue of May 16 contains the discussions upon the paper.

ARDOUIN-DUMAZET. *Le remembrement de la propriété dans l'île de Ré*. Journ. d'Agr. Pratique, Mar. 27, 1913. Pp. 3.

The economic advantages secured to landowners on the islands off the coast of France by exchanging small separated parcels of land for a single contiguous holding of equivalent area are presented.

BREITUNG, E. N. *Is cheap money for the farmer a myth?* Business America, May, 1913. Pp. 3.

Argument for the establishment of a corporation with a large credit capital and a very small cash capital which might loan money profitably to farmers at 4 or 5 per cent.

BREITUNG, E. N. *Money for the farm*. Country Gentleman, May 24, 1913. Pp. 2.

A review of the European land credit systems based on the amortization plan of converting farm mortgages into annuity contracts, and a plea for the establishment of such a plan in America.

BRINKMANN, T. *Veränderungen in der Betriebsweise der rheinischen Landwirtschaft und ihre Ursachen*. Fühlings Landw. Zeitung, Oct. 1, 1912. Pp. 19.

The changes in methods of farming during the past thirty years in the Rhine country are discussed. The most striking changes are the use of machinery on small farms, the extent of the areas devoted to cereal crops, and the diminishing number of livestock kept on farms.

CAMPBELL, R. A. *Coöperation in Wisconsin*. Rev. Rev., Apr., 1913. Pp. 7.

Notes and statistics are given on coöperative fruit-growers' associations, butter and cheese factories, grain elevators, potato and tobacco warehouses, cow-testing associations, and fire insurance and telephone companies in Wisconsin.

CARLE, G. *La culture de riz à Madagascar*. Journ. d'Agr. Pratique, Jan. 30, Feb. 6, 1913. Pp. 3, 4.

The extent and methods of rice culture and the social and economic importance of this industry in Madagascar are discussed.

DESTRAY, P. *Un document officiel sur l'exode rural: l'enquête sur les salaires agricoles*. Grande Rev., Mar. 25, 1913.

An official statement by the minister of agriculture regarding the means of preventing the exodus of young people from the farms. Remedies suggested are the industrialization of agriculture, closer relations between producers and consumers, and the suppression of speculation in food supplies.

DISEREUS, M. *Switzerland. The re-stripping of holdings: its present state and practical results*. Bull. Econ. & Soc. Intelligence, Mar., 1913. Pp. 25.

An account of the minute subdivision of farm lands in Switzerland under the custom of land inheritance, the economic advantages already secured by re-distribution of land into contiguous holdings, and of the results which may be expected from an extension of the plan.

DE DOMINICIS, F. *Il disboscamento nel mezzogiorno d'Italia*. Riv. Intern., Aug., 1912. Pp. 21.

A rehearsal of the consequences for agriculture of the extensive deforestation of southern Italy.

GUYOT, Y. *Le rôle économique des céréales*. Journ. des Econ., Oct. 15, 1912. Pp. 24.

This paper presents statistics on the world's production of cereals from 1900 to 1912, and discusses the increasing consumption of wheat and the urgent need of increasing its yield in wheat-growing countries by intensive culture.

VON HATTINGBERG, J. R. *Fluctuations in the burdens on ordinary rural landed estate in Austria*. Bull. Econ. & Soc. Intelligence, Mar., 1913. Pp. 18.

Statistics on the number and size of farm holdings in Austria; discussion of the increasing indebtedness on these farms; and an argument for the establishment of a larger credit organization in conformity with the increasing requirements of the farmers as a result of changing economic conditions.

HERRICK, M. T. *The farmer and finance*. Atlantic, Feb., 1913. Pp. 9.

The reasons are given why systems of land credit and personal credit should be established in this country as a means of making the credit of farmers more easily negotiable. An outline is given of the systems of credit as conducted by and for farmers in Europe.

HIBBARD, B. H. *Tenancy in the southern states*. Quart. Journ. Econ., May, 1913. Pp. 15.

Statistics on farm tenancy in the South as derived from the census of 1910, with a discussion of its development, tendencies, and relations to intensity of cultivation, land values, character of crops grown, amount of livestock kept, value of buildings, etc.

JENKINS, D. *Agricultural machinery in Sweden*. Daily Cons. & Trade Rpts., Apr. 9, 1913. Pp. 6.

This article gives the acreage of tilled and meadow lands in Sweden, the number and size of farms, the extent of the manufacture and use of implements and machinery, and the growth of schools for farmers in which instruction is given in the care and use of farming machinery.

JENSON, A. *De höje Priser paa Landejendomme*. Nat. ök. Tids., Sept.-Oct., 1912.

Land has changed hands more freely and at higher prices during the past year than ever before in Denmark. The author has gathered agricultural statistics to ascertain causes and tendencies.

LUCAS, J. E. *L'approvisionnement en lait de Paris*. Mus. Soc., Mém. & Doc., Jan., 1913. Pp. 18.

A detailed discussion of the problem relating to the milk supply of Paris. It includes statistics from 1896 to 1910 of the milk brought by railroad, the cost of producing milk in winter and summer, the cost of collection and distribution, and suggested remedies for increasing the milk supply and decreasing the high cost of living.

MARCHETTI, L. *Die Kollektivpachtgenossenschaften der Landarbeiter in Italien*. Zeitschr. f. Socialwis., Apr., May, 1913. Pp. 9, 9.

These papers treat of the organization of coöperative farming societies by farm laborers in Italy, their political, social, moral and economic aims, their effectiveness in diminishing non-employment and increasing wages, the different types of such societies which range from individualistic to socialistic, and the progress made by these societies in Lombardy, Emilia, Sicily, and other provinces.

MILLER, E. E. *The new spirit in southern farming*. Rev. Rev., Apr., 1913. Pp. 6.

An account of the evolution of diversified farming in the South which has resulted in better economic returns and is promoting an appreciation of a higher standard of living among southern farmers.

MORGAN, H. H., et al. *Irrigation in various countries*. Daily Con. & Trade Rpts., Apr. 5, 1913. Pp. 8.

The extent, importance, and progress of irrigation in Spain, Roumania, Italy, Peru, and the United States are reported.

NANNESON, M. L. *Measures adopted in Sweden to spread bookkeeping among farmers*. Bull. Econ. & Soc. Intelligence, Feb., 1913. Pp. 3.

NELSON, A. C. and WATTS, E. *Maintaining soil fertility in northern Europe*. Daily Cons. & Trade Rpts., Apr. 16, 1913. Pp. 3.

The provisions of farm leases in Holland and Belgium which aim to maintain the fertility of the soil are discussed.

DI NOLA, C. *Gli odierni aspetti dell' economia agraria*. Giorn. d. Econ., Jan., Feb., 1913. Pp. 27, 22.

A study of the economic value of the factors in agricultural production and of their different combinations.

NORTON, E. J. *Agricultural improvements in India*. Daily Cons. & Trade Rpts., Apr. 9, 1913. Pp. 3.

PASQUET. *Le crédit agricole mutuel dans le midi de la France*. Réf. Soc., May 16, 1913. Pp. 7.

Statistics of the number, average, and total of loans made by the district bank for the south of France for the years 1900 to 1912, inclusive, are presented and discussed, together with a plea for more capital to encourage the development of agriculture.

PINCUS, J. W. *Agricultural coöperative credit associations in America*. Nat. Stockman and Farmer, No. 45, 1913. Pp. 4.

An account of the work by the Jewish Agricultural and Industrial Aid Society in furnishing financial aid to farmers, the progress of the movement, and the benefits secured.

POWELL, B. E. *Illinois working for permanency in agriculture*. Rev. Rev., Mar., 1913. Pp. 5.

An account of what the farmers of Illinois are doing under the lead of the agricultural experiment station to increase the yields of crops while maintaining or improving the fertility of the soil.

PYLE, J. G. *A farm revolution that began in a greenhouse*. World's Wk., Apr., 1913. Pp. 7.

Describes the pot experiments to determine the plant-food requirements of soils and the practical five-acre farm demonstration work carried out by the Great Northern Railway Company in Minnesota and North Dakota which resulted in nearly doubling the yields of wheat, barley, and oats per acre in 1912. The company is conducting 387 such demonstration farms this year.

RACAH, V. *La mezzadria e i doveri del proprietario*. L'Agr. Moderna, Jan. 31, 1913. Pp. 2.

A review of the agitation in Italy during the past ten years regarding the principles of tenant farming, and a discussion of the principles governing farming on shares from the landowner's point of view.

SAGAWE, B. *Die Rentabilität des Hackfruchtbaues*. Fühling's Landw. Zeitung, Feb. 15, 1913. Pp. 16.

The greater profitableness of intensively cultivated crops as compared with extensive farming (that is, much land under forage crops and in meadows) is shown by means of tables derived from data secured on a large number of farms in Germany, and the data are discussed in detail.

SAGNIER, H. *L'évolution de la production du blé*. Journ. d'Agr. Pratique, Jan. 23, 1913. Pp. 4.

Statistics on the acreage, total and average annual yields, and price of wheat in France from 1821 to 1912, inclusive, and of the production and average yields in the chief wheat-producing countries of the world during three decades ending with 1910.

SAGNIER, H. *Le fonctionnement du crédit agricole*. Journ. d'Agr. Pratique, Jan. 16, Mar. 27, May 1, 1913. Pp. 3, 1, 2.

A discussion of the functions performed by the district agricultural credit banks in France, particularly as banks of discount in advancing money to local coöperative credit banks, as land banks in making loans to agricultural coöperative societies, and in making long-term loans to individuals for the promotion of small landowning.

STARRETT, H. P. *Cost of producing Cuban cane sugar*. Daily Cons. & Trade Rpts., Apr. 8, 1913. Pp. 4.

Statistics on the cost of cultivating and producing 90,000 tons of cane, cutting and loading same on carts, hauling from fields and loading on railroad cars, cost of hauling to mill, and the mill cost of manufacture.

STRUTT, E. G. *The remedies for rural depopulation in Great Britain*. Bull. Econ. & Soc. Intelligence, Jan., 1913. Pp. 5.

Abstract of a paper of 42 pages which gives detailed accounts covering eighteen years of the cost of raising different crops and of stock keeping in England, to prove the profitableness of cereal growing. In addition to the remedies that have been put in force to bring about rural repopulation, valuable suggestions are presented by the author.

THACKARA, A. M. *Maintaining soil fertility in Germany*. Daily Cons. & Trade Rpts., May 21, 1913. Pp. 2.

Data on the increasing use of commercial fertilizers in Germany during the past twenty years are presented and discussed, together with some lease stipulations made for maintaining soil fertility where farming is carried on intensively.

ZANNONI, I. *Le migrazioni interne agricole*. L'Agr. Moderna, May 15, 1913. Pp. 2.

Statistics gathered by the Bureau of Labor concerning the migration of men, women, and boys from the various provinces of Italy to engage in farming during the months of May, June, and July are presented, the wages received by these laborers are given, and the economic results of this migrating farm labor are discussed.

ZOLLA, D. *La production et le prix des laines*. Journ. d'Agr. Pratique, Apr. 17, 1913. Pp. 4.

Statistics on the world's production of wool, the imports by Europe and North America from 1893 to 1912, and the variations in price during these years.

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*Agricultural coöperation in France*. Bull. Econ. & Soc. Intelligence, Apr., 1913. Pp. 10.

An official article submitted by the French government to the International Institute of Agriculture.

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*Agricultural coöperative banks in Germany*. Bd. Trade Labor Gazette, Mar., 1913. Pp. 2.

Statistics for 1910 and 1911. The rural credit banks on Jan. 1, 1913, numbered 16,927.

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*Agricultural coöperative credit societies in England and Wales in 1911*. Journ. Bd. Agr., Jan., 1913. Pp. 7.



————— *Agricultural credit banks in France in 1911.* Journ. Bd. Agr., Mar., 1913. Pp. 4.

————— *Agricultural credit for small holdings in Roumania.* Bull. Econ. & Soc. Intelligence, Feb., 1913. Pp. 10.

The importance of the different credit societies and banks in the economic elevation of the peasants is pointed out and statistics on their work and membership are presented and discussed.

————— *Agricultural organization in French West Africa.* Bull. Econ. & Soc. Intelligence, Jan., 1913. Pp. 9.

————— *Changes in the number and size of agricultural holdings.* Journ. Bd. Agr., Mar., 1913. Pp. 2.

Data for England and Wales in 1911 and 1912 are compared and discussed.

————— *Coöperative agricultural societies in the United Kingdom.* Bd. Trade Labor Gazette, Mar., 1913. P. 1.

Complete returns of number, membership, business, etc., for 1912.

————— *Extension of agricultural coöperation in Germany in 1912.* Bull. Econ. & Soc. Intelligence, April, 1913. Pp. 3.

Complete data for 1912. The number of coöperative societies was 26,576, of which 16,927 were loan and savings banks. The net increase for the year was 1,314 of which 683 were credit banks.

————— *Insurance against damage to crops by hailstorms.* Journ. Bd. Agr., Mar., 1913. Pp. 5.

Statistics and other information are given on the prevalence of insurance against hail in England and Wales, the premiums charged for various crops, and the amount of damage done by hail in different counties.

————— *The most recent results of the work of the Danish land credit associations.* Bull. Econ. & Soc. Intelligence, Jan., 1913. Pp. 6.

————— *Organization of land credit and the bank of mortgage credit in Chili.* Bull. Econ. & Soc. Intelligence, Mar., 1913. Pp. 11.

This article shows how the civil code of Chili of Dec. 14, 1855, has promoted the increase of land credit.

————— *Various forms of land settlement in Australia.* Bull. Econ. & Soc. Intelligence, Mar., 1913. Pp. 9.

A brief account of the evolution of the present land system in Australia and of the classification and administration of government lands.

————— *The world's flax production.* Daily Cons. & Trade Rpts., Apr. 5, 1913. Pp. 2.

## Commerce

FOSSAT. *Des moyens de dispenser du paiement des droits d'entrée les marchandises importées à condition.* Rev. Intern. du Com., Mar., 1913.

GEHRKE, F. *Änderungen in Wesen und Richtung des Handels.* Zeitschr. f. d. ges. Staatswis., No. 2, 1913.

- DE LEENER, G. *La question des syndicats maritimes jugée en Belgique*. Rev. Econ. Canadienne, Mar., 1913.
- OPPEL, A. *Hamburgs und Bremens Stellung im internationalen Warenhandel*. Weltwirtsch. Archiv, Apr., 1913.
- SHAW, A. W. *Some problems in market distribution*. Quart. Journ. Econ., Aug., 1912. Pp. 62.
- TCHERNOFF, I. *La crise du marché à terme et la proposition de Monzie devant le parlement*. Journ. des Econ., May, 1913.
- TURMANN, M. *La technique des affaires à terme sur marchandises*. Mouvement Social, May 15, 1913.
- WILLIAMSON, C. F. *Selected references on markets and marketing*. Special Libraries, Mar., 1913.
- WOLFE, A. J. *The Leipzig fair as it is today*. Daily Cons. & Trade Rpts., Apr. 2, 1913.

### Railways

(Abstracts by Ernest R. Dewsnup)

- ALLIX, G. *La convention internationale du Gothard*. Journ. des Transports, Mar. 22, 1913. Pp. 2½.
- ALLIX, G. *Résultats de l'exploitation des chemins de fer français, Anglais et Allemands en 1911*. Journ. des Transports, June 7, 1913. Pp. 3½.
- A summary of M. Colson's annual comparison of the results of railway working in the three countries named. Germany has been the most fortunate, her railway income having increased 7.7 per cent during the year while expense of operation increased only 4.1 per cent. As a result her net income increased 15.2 per cent, as against 2.9 for England and a decrease of 2.3 for France.
- BERGLUND, A. *Valuation of railroads in the state of Washington*. Journ. Pol. Econ., Apr., 1913. Pp. 13.
- An explanation as to how the commission determined the value of railroad properties within the state and as to how it arrived at a differentiation of the values of properties used in the conduct of state and interstate business respectively.
- CUNNINGHAM, W. J. *The Prussian-Hessian state railways*. Ry. Age Gaz., Apr. 25, 1913. Pp. 6.

A general review of the conditions of operation of the Prussian railway system, winding up with the conclusion that state ownership of railways in Prussia is successful and that the railways are operated with reasonable efficiency.

- FOWLER, J. A. *The commerce court*. No. Am. Rev., Apr., 1913.

The writer believes that the Commerce Court will adapt its views of the law to those of the Supreme Court, and that, if permitted to continue, criticism of its action will doubtless soon cease.

- LELAND, C. E. *Federal and state coöperation on rates*. Central Law Journ., May 2, 1913.

Proposes conferences between the Interstate Commerce Commission and the state commissions, the findings being made binding upon the boards represented.

LOREE, L. F. *Causes and cure of deficient use of freight cars.* Engg. Mag., Apr., 1913. Pp. 5.

The president of the Delaware and Hudson Railroad presents an analysis of the time consumed in a typical freight car movement. The public has the car 36 per cent of the time, a proportion that should be reduced through readjustment of demurrage penalties and re-shipment privileges. Improvement of railroad terminal facilities offers the largest opportunity of reduction of delays in movement.

McPHERSON, L. *The problem of railway valuation.* Ry. Age Gaz., May 23, 1913. Pp. 3.

MERCIER, P. E. *Les chemins de fer canadiens.* Rev. Econ. Canadienne, May-June, 1913. Pp. 11.

Sets forth the more important railway traffic and operating statistics of the last few years.

PAYNE, J. L. *Freight rates by water and by rail.* Ry. Age Gaz., Apr. 18, 1913. Pp. 3½.

A study of Canadian water and rail rates by the comptroller of statistics of Canada. His conclusion is that the water rates are not lower than the rail when the public contribution is taken into account.

RIPLEY, W. Z. *Are the railways fairly treated?* Ry. World, June, 1913. Pp. 1½.

A carefully formulated revision of rates is undoubtedly necessary. The Erdman act should be amended. State legislatures ought to refer matters of railway regulation and service to the state commissions.

THIESS, K. *Die Weltspur der Eisenbahnen. II.* Weltwirtsch. Archiv, Apr., 1913. Pp. 17.

The second instalment of this article is devoted to an account of the inquiry into the desirable width of gauge, made by the special Japanese commission appointed in 1911.

THOMPSON, S. *Railway capitalization.* Ry. & Engg. Rev., May 24, 1913. P. 1.

The net capitalization of railways (gross capital less railway securities owned by railways) in the United States, on June 30, 1912, is figured at \$61,508 per mile.

WILLARD, D. *Why freight rates should be increased.* Ry. Age Gaz., June 6, 1913. Pp. 2.

As a result of the reduction of margin between income and outgo railroads generally in official classification territory are very rapidly ceasing to incur further capital expenditures.

————— *Arbitration of the firemen's wage controversy. IV, V.* Ry. Age Gaz., Apr. 4, 11, 1913. Pp. 2½.

Concludes the summary of the evidence given before the arbitration board.

————— *Are our railroads fairly treated?* Ry. Age Gaz., May 2, 1913. Pp. 4½.

Abstract of a discussion before the Economic Club of New York, by F. A. Delano, A. B. Garretson, B. F. Bush, W. Z. Ripley, and W. C. Brown. In general, the addresses emphasized the necessity of a more remunerative rate of returns to the railways.

————— *Electrification progress in the United States.* Elec. Ry. Journ., June 7, 1913. Pp. 4½.

————— *The fireman's increased wages.* Ry. Age Gaz., May 2, 1913. P. 1.

The settlement has entrenched still further the principle that the brotherhoods shall authoritatively represent railway employees in such controversies.

————— *Maintenance of equipment. II-IV.* Ry. & Engg. Rev., May 3-17, 1913. Pp. 3.

An analysis of the expense of freight car maintenance per ton mile from 1902 to 1912, covering the leading railroads. In most cases, considerable increase is shown.

————— *Proposed rate advances on eastern roads.* Ry. Age Gaz., May 9, 1913. Pp. 1½.

Briefly outlines the causes (mainly wage increases) of the fall in net income since 1910, and approves the proposal of the eastern railroads that freight rates be advanced 5 per cent.

————— *Railway valuation board of the interstate commerce commission.* Engg. News, May 15, 1913.

————— *Some disputed points in railway valuation. I-IV.* Ry. Age Gaz., May 16, 23, 30, June 6, 1913. Pp. 3½.

A simple presentation of the problems that arise in connection with the right of way (I), investments from earnings (II), depreciation (III), and intangible values (IV).

————— *Le matériel roulant.* Journ. des Transports, Apr. 12, 1913. P. 1.

A tabular presentation of the rolling stock of the five railway companies and the state railway administration.

————— *Le réseau ferré de la Chine.* Journ. des Transports, May 10, 1913. P. 1.

A table showing the various railways of China, dates of opening, length of mileage, terminal points and junctions.

## Accounting

(Abstracts by John Bauer)

AYRES, M. V. *Accounting versus statistics.* Elec. Ry. Journ., May 3, 1913. Pp. 3.

The present classification of accounts for electric railways makes correct comparison of unit costs between different companies difficult. The kind of items entering into a given account vary greatly from one company to another. Reorganization is necessary to procure strict homogeneity of accounts according to best statistical standards.

BAUER, J. *The accounting of interest and discount on notes.* Journ. Account., Apr., May, 1913. Pp. 11, 10.

(1) An analysis and criticism of the customary interest account;  
(2) suggested reconstruction on modern lines to serve especially the statistical needs of a business.

BURTON, F. G. *The limitations of an auditor.* Accountant, May 10, 1913. Pp. 6.

The auditor cannot be responsible for the correctness of stocktaking, but, by inquiry into items taken at random, and by comparison of totals, he can judge whether the methods employed were satisfactory and honest.

COLE, W. M.; CHURCH, A. H.; RICHARDS, W. B.; STERRETT, J. E. *The treatment of interest on manufacturing investment.* Journ. Account., May, 1913. Pp. 14.

A symposium on whether interest on investment should be included in the manufacturing cost of finished goods. The affirmative is upheld by Cole and Church, and the negative by Richards and Sterrett.

CUTFORTH, A. E. *The organization of an accountant's department.* Accountant, May 10, 1913. Pp. 7.

An outline of broad principles with illustrations drawn from railway accounting.

DICKSEE, L. R. *Some suggestions on stock accounts and stock-taking.* Accountant, May 3, 1913. Pp. 5.

Suggests how continuous stock or merchandise accounts may be kept even by retail dealers, with great advantage to the audit and to the control of the business.

GRAHAM, D. A. *The appraisal of water-works properties.* Engg. & Con., Apr. 9, 1913.

Approves cost of reproduction, less proper allowance for existing depreciation of a given property. Traces the steps in making such an appraisal.

HUNTER, J. *Cotton mill accounts.* Accountant, May 31, 1913. Pp. 4.

JACKSON, A. C.; SMITH, A.; KENT, W.; TOWNE, H. R. *Axioms concerning manufacturing costs.* Journ. Am. Soc. of Mech. Engrs., Apr., 1913. Pp. 8.

A discussion of a paper under the above title, by H. R. Towne, published in the same magazine, Dec., 1912.

JENKINSON, M. W. *Some notes on the audit of different businesses.* Accountant, Apr. 19, 1913. Pp. 14.

Covers the audit of banks, breweries, building societies, collieries, solicitors, trust and finance companies.

JENKINSON, M. W. *The audit of a public limited company.* Accountant, Apr. 5, 1912, 1913. Pp. 14, 8.

Considers the duties, procedure and report of the auditor.

KRIBBEN, B. D. *Determination of the income rate of investments.* Journ. Account., May, 1913. Pp. 5.

Shows how income rate may be calculated by successive approximations, coupled with interpolation.

SCHOOLING, W. *Depreciation of investments and plant.* Accountant, Apr. 5, 1913. Pp. 6.

Favors the sinking fund method of allowing for depreciation because of the necessary time element involved in plant valuation.

SPARKS, J. B. *Electric railway costs.* Elec. Ry. Journ., June 14, 1913. Pp. 4.

Power costs should be separated from other transportation expenses. Provides for cost per unit of power delivered at the train, to facilitate comparisons between different electric systems, also between electric and steam operation.

SUFFERN, E. L.; NICHOLSON, J. L.; JOPLIN, J. R. *Treatment of interest on manufacturing investment.* Journ. Account., May, 1913. Pp. 7.

Interest on capital invested should be included in the cost of manufactured product, according to the first two writers, but not according to the last.

TOWNE, H. R. *Axioms concerning manufacturing costs.* Journ. Am. Soc. of Mech. Engrs., Dec., 1912. Pp. 13.

Presents twenty-three propositions of cost accounting, with an introductory analysis and discussion to each formal statement.

WHITTEN, R. H. *Depreciation and public service regulation.* Engg. News, May 8, 1913. Pp. 7.

The problem is whether in determining fair value for rate making in a public utility, a deduction should be made from cost (new) for accrued depreciation of plant though such depreciation does not interfere with present efficiency of operation. Discusses (not very clearly) four methods of approach to the problem. Favors that a deduction should be made, but the annual depreciation allowance should be based on uniform investment after the plant has reached average life conditions.

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\_\_\_\_\_ *Arbitration of operating expense charges in Cleveland.* Elec. Ry. Journ., May 24, 31, June 14, 1913. Pp. 5, 3, 7.

Summary of the proceedings before the arbitration board considering the differences between the Cleveland railways and the city in regard to the allowances per car mile for various operating expenses. The last number contains a summary of counsels' arguments at conclusion of the hearings.

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\_\_\_\_\_ *List of uniform systems of accounts formulated by companies, associations and state commissions.* Special Libraries, Apr., 1913. Pp. 4.

Compiled by the library of the New York Public Service Commission, First District, New York City, covering electricity, gas, railroads, telephones, transit, water, and power concerns.

### Public Utilities

ARKWRIGHT, P. S. *The length of franchise.* Stone & Webster Pub. Serv. Journ., June, 1913.

GREDSTED, M. *Telegrafens Stilling i indenlandsk Samkvem.* Nat. ök. Tids., Jan.-Feb., 1913. Pp. 18.

The state telegraph in Denmark finds the privately owned telephone

a hard competitor. The author favors monopoly of interurban telephone business.

MORTON, F. N. *Public utility references*. Special Libraries, Feb., 1913.

RANDOLPH, C. F. *Municipal ownership of public utilities*. Yale Law Journ., Mar., Apr., 1913.

VON SCHULTHESS, H. *American public utilities*. Rollins Mag., Apr., 1913.

————— *Final report on San Francisco*. Elec. Ry. Journ., May 10, 1913.

————— *Municipal railway line in Seattle*. Elec. Ry. Journ., Apr. 26, 1913.

————— *Report on street railway system of Kansas City*. Elec. Ry. Journ., Apr. 19, 1913.

————— *Street-railway valuation*. Engg. News, May 22, 1913.

————— *Two new state public-utility laws*. Engg. News, Apr. 10, 1913.

### Corporations and Trusts

(Abstracts by M. H. Robinson)

ADAMS, B. *Collapse of capitalistic government*. Atlantic, Apr., 1913.

The progressive movement is a rebellion against capitalistic government, comparable with the industrial revolution and the economic changes brought about by the adoption of the present constitution. Our courts are open to serious criticism.

BACON, N. T. *The control of corporations*. Moody's Mag., Apr., 1913.

The control of corporations is to be achieved through better selection of directors and closer supervision of the directorate.

BAKER, J. N. *Regulation of industrial corporations*. Yale Law Journ., Feb., 1913.

KOEPE, Fritz Kestner, *Der Organisationszwang. Eine Untersuchung über die Kämpfe zwischen Kartellen und Aussenseitern*. Jahrb. f. Nat. Oek., Mar., 1913.

A brief review of a significant work on the struggle between the independents and the trusts as illustrated by German experience.

MORAWETZ, V. *The power of Congress to enact incorporation laws and to regulate corporations*. Harvard Law Rev., June, 1913.

MUHSE, A. C. *The tobacco disintegration*. Pol. Sci. Quart., June, 1913.

A thorough and scholarly discussion of the plan of disintegration by one of the representatives of the Bureau of Corporations who assisted in its preparation.

ORTH, S. P. *Germany, England and the trusts*. World's Wk., Apr., 1913.

A popular article showing how Germany "cherishes" the trusts, while England "tolerates" them. In both countries the corporation is better regulated than in the United States.

PRINDLE, E. J. *The present condition of the patent law including recent and pending decisions of the Supreme Court of the United States and proposed patent legislation*. Journ. Am. Soc. of Mech. Engrs., Apr., 1913.

The author attributes all changes in methods of production since the days of Washington to the American patent law, and deploras any attempt to restrict the privileges of the inventor. The recent cases are briefly discussed.

SCHMIDT, E. *Das Leuchtölmonopol des deutschen Reiches.* Jahrb. f. Nat. Oek., Apr., 1913.

A detailed study of the Standard Oil Co. in Germany and the results of its policy.

VAIL, T. N. *Public utilities and public policy.* Atlantic, Mar., 1913.

A fair statement of the opportunities and obligations of public service companies, together with a defense of private management and public content.

ZELLER, J. *The Corn Products Refining Co.* Moody's Mag., May, 1913.

A brief resumé of the company's finances, calling especial attention to its heavy overcapitalization.

————— *The rights of patentees.* Nation, June 5, 1913.

Decision in Sanatogen case limits rights hitherto claimed by patentees in matter of fixing resale prices. Patent law should be amended by providing for the forfeiture of unused patents after two or three years.

### Investments

BROOKMIRE, J. H. *Putting the cycle theory to work.* Moody's Mag., Mar., 1913.

CHAMBERLAIN, L. *Sinking fund bonds.* Moody's Mag., Feb., 1913.

GYSÆ. *Der "bucketshop."* Die Bank, Apr., 1913.

LANSBURGH, A. *Die Zulassung zum Börsenhandel.* Die Bank, Mar., 1913.

LAVINGTON, F. *The social interest in speculation.* Econ. Journ., Mar., 1913.

LAWSON, T. W. *Stock gambleness.* Everybody's, Dec., 1912.

LEHFELDT, R. A. *The rate of interest on British and foreign investment.* Journ. Royal Stat. Soc., Jan., 1913.

SPICER, E. E. *The depreciation of gilt-edged securities.* Accountant, Feb. 8, 1913. Pp. 7.

Refers especially to English consols. Reasons given for the depreciation are: (1) excessive issues in recent years; (2) larger returns realized from other investments.

### Labor and Labor Organizations

(Abstracts by George E. Barnett)

BALLOT, H. *Les actions de travail; leur application pratique dans une ville industrielle.* Réf. Soc., Apr., 1913. Pp. 24.

The shares held by the workmen should be held individually and not collectively, and only during the period of employment. The city



of Troyes has decided to use certain funds to enable workmen to buy shares.

BARKMAN, H. *Staats- och kommunalarbetares särställning samt fragan om förhandlingsordning*. Ek. Tids., No. 3, 1913. Pp. 8.

A discussion of the special position of labor employed by the government, state, and local, and of how best to meet these problems.

BARNETT, G. E. *The dominance of the national union in American labor organization*. Quart. Journ. Econ., May, 1913. Pp. 26.

Shows the increasing control exercised since 1897 by the national union over the other forms of labor organization.

BOYLE, J. *The legal minimum wage*. Forum, May, 1913.

BRENTANO, L. *Ueber den Syndikalismus*. Süddeut. Monatshefte, Dec., 1912.

CHAPMAN, S. J. and ABBOTT, W. *The tendency of children to enter their fathers' trades*. Journ. Royal Statist. Soc., May, 1913. Pp. 6.

Based on 2,415 answers to a circular letter. The relative pull of the father's trade on his children in comparison with the pull of any other trade is found to be as three to one.

COOKE, M. L. *The spirit and social significance of scientific management*. Journ. Pol. Econ., June, 1913.

CORNELISSEN, C. *Die neueste Entwicklung des Syndikalismus*. Archiv f. Sozialwis., Jan., 1913.

DUPONT-FERRIER, G. *L'enseignement primaire à Paris*. Rev. Hebdomadaire, Mar. 29, 1913. Pp. 19.

Discusses the provision made by the city of Paris for teaching trades.

E. F. *Die Arbeitszeiten in der Grosseisenindustrie*. Soziale Praxis, June 5, 1913.

Interesting comment on the statistics of working time in the German iron industry. Increasing amount of overtime and of Sunday labor.

FAGAN, J. O. *Labor unions and the railroads*. Ry. Age Gaz., June 13, 1913. Pp. 3.

The unions have imposed inelastic and cramping rules upon the management of the railways.

FITCH, J. A. *The I. W. W., an outlaw organization*. Survey, June 7, 1913. Pp. 7.

The intense feeling against the I. W. W. is due partly to certain doctrines professed by that organization, notably sabotage and anti-patriotism, and partly to the intemperate and unauthorized expression of some of its leaders.

FLACK, H. E. *Workmen's compensation*. Am. Pol. Sci. Rev., May, 1913. Pp. 7.

Abstracts of recently enacted laws in Arizona, Illinois, Maryland, Massachusetts, and Michigan.

FREY, J. P. *The relationship of scientific management to labor*. Journ. Pol. Econ., May, 1913.

HACHIN, J. *Le droit des syndicats d'agir et d'intervenir en justice.* Mouv. Social, Apr. 15, 1913. Pp. 30.

An interesting discussion of the power of French associations, including trades-unions, to bring suits in the courts.

HAMPKE, T. *Denkschrift des deutschen Handwerks- und Gewerbeakademietages betr. Abänderung des Handwerkerergesetzes vom 26. Juli, 1897.* Jahrb. f. Nat. Oek., Feb., 1913.

HARPER, S. A. *The law of procedure under the Illinois workmen's compensation act.* Ill. Law Rev., Mar., 1913.

HOYER, A. *Statsmagtens Indgriben i Arbejdsforholdene. I. Obligatorisk Voldgift.* Nat. ök. Tids., Mar.-Apr., 1913. Pp. 36.

Discusses New Zealand's system of compulsory arbitration in labor disputes. Does not believe that it can be successfully transplanted to other states under existing conditions.

HUBER-VALLEROUX. *Ou en est la question de l'apprentissage?* Réf. Soc., June, 1913. Pp. 12.

HYDE, C. C. and WATSON, C. H. *The equities of non-resident alien dependents under workmen's compensation laws.* Ill. Law Rev., Feb., 1913.

The objections to workmen's compensation acts which discriminate against non-resident alien dependents are set forth in detail.

JONES, D. C. *An account of an inquiry into the extent of economic moral failure among certain types of regular workers.* Journ. Royal Stat. Soc., Apr., 1913. Pp. 14.

Based chiefly on the answers to a circular sent by the writer to a large number of employers. The returns indicate that women workers are more temperate but less honest than men. In twelve large companies employing 43,437 persons, the number of dismissals for some moral failing (dishonesty, intemperance, neglect of work, and irregularity) during a year was 1.55 per cent. Interesting differences in the rate of moral failure between skilled and unskilled workmen, between employees of large and of small firms, and between different occupations are indicated.

LANDE, D. *Zur Frage der fachlichen Ausbildung der Arbeiterinnen von sozialpolitischen Gesichtspunkten.* Ann. f. Soz. Pol. u. Gesetz., II, 5-6, 1913. Pp. 20.

A systematic discussion of the relation of trade schools to the employment of women.

MAHON, W. D. *Trade union fraternal benefits.* Am. Federationist, May, 1913. Pp. 3.

A statement of the kinds of benefits paid and the total sum so expended by each of forty national unions.

MILNER, B. B. *Fundamentals of wage payment.* Ry. Age Gaz., Apr. 25, 1913. Pp. 6.

With proper attention to the time element the differences between the various systems of wage payment are of minor importance.

MONTEMARTINI, G. *La statistica della disoccupazione e la rilevazione della domanda di lavoro.* Giorn. d.Econ., Mar., 1913. Pp. 14.

Theoretical and practical difficulties in the statistical measurement of unemployment.

NIELSON, A. *Den syndikalistiske Bevægelse*. Nat. ök. Tids., Nov.-Dec., 1912. Pp. 18.

The author does not approve of the methods and immediate aims of the syndicalists, but he recognizes the value of the movement as a criticism of the present order and as furnishing new social ideals, revolutionary but thought-stimulating.

PAYEN, E. *L'hygiène et la sécurité des travailleurs: les nouvelles réglementations*. L'Econ. Franç., Apr. 5, 1913. Pp. 3.

Outlines the new French law for the protection of the workers against accident and unsanitary conditions.

RUBINOW, I. M. *The problem of unemployment*. Journ. Pol. Econ., Apr., 1913. Pp. 18.

A general review of the entire subject.

SCHWITTAU, G. *Der gesetzliche Schutz der Kinderarbeit*. Ann. f. Soz. Pol. u. Gesetz., II, 5-6, 1913. Pp. 12.

An interesting account of the history and present position of child-labor legislation in Russia.

STEWART, E. *Shorter hours for pulp and paper makers*. Am. Federationist, June, 1913. Pp. 2.

An argument in favor of the three-shift bill for paper workers which is pending in the Massachusetts legislature.

SYRUP. *Die gesetzliche Begrenzung der Arbeitszeit erwachsener männlicher Arbeiter unter besonderer Berücksichtigung der Grosseisen-industrie*. Archiv f. exakte Wirtschaftsforschung, No. 4, 1912.

THOMPSON, S. E. *Time-study and task work*. Journ. Pol. Econ., May, 1913.

TOUGARD DE BOISMILON, A. *Le syndicalisme féminin dans les industries textiles en Angleterre*. Mus. Soc., Mém. & Doc., May, 1913. Pp. 18.

The high wages of the women operatives have been due to the unions, which have been maintained and managed chiefly by the male operatives.

VALLEROUX, H. *Les actions de travail*. L'Econ. Franç., Apr. 12, 1913.

VAN DYKE, H. W. *Federal interference proposed*. Am. Employer, June, 1913. Pp. 7.

A review of the West Virginia coal strike, based chiefly on the report of the governor's commission.

WALKER, A. *Scientific management applied to commercial enterprises*. Journ. Pol. Econ., May, 1913.

WASHINGTON, B. T. *The negro and the labor unions*. Atlantic, June, 1913. Pp. 9.

WESTON, E. *Minimum wage for women plan*. Am. Employer, June, 1913. Pp. 6.

Argues that a minimum wage law would cause the replacement of women workers by men.

WESTON, E. *Some principles of the I. W. W.* Am. Employer, July, 1913. Pp. 6.

————— *Child labor and poverty.* Child Lab. Bull., May., 1913. Pp. 144.

A series of papers read at the Ninth National Conference on Child Labor, Mar. 13-17, 1913.

————— *The earnings and hours of labor of English railway servants.* Bull. Int. Ry. Cong., Mar., 1913.

————— *The industrial disputes investigation act, 1907. Review of proceedings for the six-year period and for year 1912-1913.* Lab. Gaz. (Ottawa), May, 1913. Pp. 17.

————— *Massachusetts workmen's compensation experience under its present law.* Am. Underwriter, Mar., 1913. Pp. 15.

Text of the Industrial Accidents Board's letter addressed to Governor Foss under date of February 6, 1913. Contains an interesting table showing for eight large industrial companies the ratios of compensation paid to the insurance premiums.

————— *Prison labor.* Ann. Am. Acad., Mar., 1913. Pp. 188.

Papers by public officials, trade-union leaders and experts in prison management on almost every phase of the problem.

————— *Reports on Little Falls dispute.* N. Y. Lab. Bull., Mar., 1913. Pp. 33.

Report of Board of Mediation and Arbitration on the negotiations for a settlement and a report of the Bureau of Labor Statistics on wages and the cost of living of the textile operatives concerned.

————— *Mr. Sargeant on proposed nine-hours-in-eleven bill.* Elec. Ry. Journ., Apr. 5, 1913. P. 1.

Contends that the proposed Massachusetts legislation further regulating the working hours of motormen and conductors would mean a large increase in the number of men working a few trips.

————— *Unemployment insurance.* Board of Trade Lab. Gaz., Feb., 1913. Pp. 3.

Official statistics of the English unemployment insurance scheme. On Feb. 1, 1913, 2,297,326 persons were insured.

————— *Work of the board of trade labour exchanges in 1912.* Board of Trade Lab. Gaz., Feb., 1913. Pp. 4.

————— *L'assistance pour chômeurs.* Bull. de l'Assoc. Intern. pour la Lutte contre le Chômage, Jan.-Mar., 1913. Pp. 390.

A series of articles on the relief of the unemployed in various countries. W. M. Leiserson writes on "Relief works in the United States," and C. R. Henderson on "Unemployment and unemployment relief in India."

————— *Le mouvement syndical en Belgique: les organismes de propagande et de centralisation.* L'Econ. Franç., Mar. 22, 1913. Pp. 3.

## Prices and Cost of Living

(Abstracts by Henry J. Harris)

BENINI, R. *L'azione recente dell'oro sui generali delle merci*. Giorn. d. Econ., Nov.-Dec., 1912. Pp. 31.

Gold production is chiefly responsible for higher prices. Guyot and Luzzatti have lately combated this view, but the difference of opinion rests on misunderstandings which can be explained away.

BOLDRINI, M. *Indici di benessere nelle varie classi di lavoratori*. Riv. Ital. d. Sociol., Mar.-Apr., 1913. Pp. 12.

A study in the method of analyzing workmen's budgets, with reference to the proportion of income spent on food. There is a criticism of the procedure of Del Vecchio.

BREHMER, A. *Zur Lebensmittelpreisstatistik*. Deut. Stat. Zentralblatt, June-July, 1913. Pp. 3.

A discussion by Brehmer and Busch of the methods of collecting cost-of-living data.

GURADZE, H. *Die Brotpreise in Berlin im Jahre 1912*. Jahrb. f. Nat. Oek., June, 1913. Pp. 4.

Prices of rye and wheat bread and flour in Berlin in the years 1886 to 1912. Rye bread in 1912 was 6.60 per cent higher than in 1911; wheat bread was 2.27 per cent higher.

KING, C. L. *Philadelphia's high cost of living program*. Nat. Munic. Rev., Apr., 1913. Pp. 5.

Describes the cost elements of bringing food into Philadelphia. Urges improvement of transportation facilities.

PACKE, C. E. *Dear food, cheap consols and labour unrest*. Bankers' Mag. (London), Apr., 1913. Pp. 8.

Fourth and last of a series of articles advocating control of changes in price levels by banking or government authorities.

SJOSTRAND, E. *Varuprisnivans "stabilisering."* Ek. Tids., No. 12, 1912. Pp. 7.

Discusses the desirability of a stable price level and possible means of securing it.

SPANN, O. *Theorie der Preisverschiebung: Ein Beitrag zur Erklärung der Teuerungen*. Zeitschr. f. Volkswirtsch., 2-3, 1913. Pp. 62.

Increases in prices are due to greater prosperity of nations. Increases would be reduced if greater continuity and regularity of production could be instituted.

————— *Cost of living in Nova Scotia*. Cons. & Trade Rpts., July 8, 1913. P. 1.

Writer estimates cost of living for a workingman's family of six persons at \$910.29 per annum.

————— *The cost of living*. Ann. Am. Acad., July, 1913.

Papers read at the annual meeting of the academy, April 4-5, 1914. Among these are to be noted: S. N. Patten, "The standardization of family life"; C. P. Gilman, "The waste of private housekeeping"; Mrs. F. A. Pattison, "Scientific management in home-making"; L. B.

Moore, "The cost of living for a wage-earner's family in New York city"; M. F. Byington, "Some unconsidered elements in household expenditure"; M. B. Bruère, "Utilization of the family income"; J. Heath, "Work of the housewives league"; I. M. Tarbell, "The cost of living and household management"; Irving Fisher, "The monetary side of the cost of living problem"; C. C. Miller, "Municipal markets in their relation to the cost of living"; E. Black, "Communal benefits from the public control of terminal markets"; M. E. Pennington, "Relation of cold storage to the food supply and the consumer"; A. R. E. Pinchot, "The cost of private monopoly to public and wage-earner"; S. H. Barker, "Burdens of false capitalization"; C. L. King, "Can the cost of distributing food products be reduced"; A. Shaw, "Co-operation as a means of reducing the cost of living"; H. W. Hess, "Advertising and the high cost of living"; E. P. Wheeler, "The increased cost of production"; E. E. Smith, "The farmer's share in the high cost of living"; M. Van Rensselaer, "The housekeeper and the cost of living."

——— *Prices and cost of living in Canada during 1912.* Lab. Gaz. (Ottawa), Apr., 1913. Pp. 17.

Summary of a special report by the Canadian department of labor. The index numbers of the department show that in 1912 wholesale prices were 6.5 per cent higher than in 1911, while retail prices were 5.8 per cent higher. If the commodities comprising the articles in the wage-earner's budget are considered, the increase was probably over 9 per cent. A weekly budget which would have cost \$12.24 in 1910, cost \$12.89 in 1911 and \$13.63 in 1912.

——— *Coste de la vida del obrero.* Boletín del Inst. de Ref. Soc., Oct., 1912. Pp. 23.

Tables showing prices of articles consumed by workmen, during the period Oct., 1911, to Mar., 1912.

——— *Livsmedelakostnader i Stockholm 1904-1912.* Sociala Meddelanden, No. 3, 1913. P. 1.

Using the budget investigation of 1907-8 as the basis for calculating the consumption of wage-earners families, the index number computed by the Swedish bureau of social statistics was 1000 in 1904, 1134 in 1910, 1130 in 1911, and 1203 in 1912.

### Money, Credit, and Banking

BRISMAN, S. *Förestar ett omslag i konjunkturerne?* Ek. Tids., No. 4, 1913. Pp. 9.

The author fears the possibility of a financial crisis in the near future.

BROOKMIRE, J. H. *Financial forecasting.* IV. *Banking barometers.* Moody's Mag., Apr., 1913.

CERT, E. M. G. *The economics of banking profits.* Journ. Inst. Bankers, May, 1913.

CHARLES, P. *Une banque d'état russe pour le crédit local.* Rev. Sci. Legis. Finan., Jan.-Mar., 1913.

DE COTTICCE-SCHMIDT, A. *Kanadische Grossbank-Politik*. Die Bank, May, 1913.

D. D. *Smasedelfragen i Tyskland*. Ek. Tids., No. 2, 1913. Pp. 5.

Discusses the economic aspects of the recently increasing use of small denomination bank notes as a circulating medium.

DAVIDSON, D. *Riksbankens sedelutgifningsrätt*. Ek. Tids., No. 1, 1913. Pp. 14.

Discusses Swedish central bank note issue and proposed changes. Believes that one of a central bank's most important functions is to maintain the stability of the monetary standard.

DAVIDSON, D. *Irving Fishers Förslag att reglera penningens köpkraft*. Ek. Tids., No. 3, 1913. Pp. 20.

A criticism of Irving Fisher's plan to make the purchasing power of money constant.

DEL VECCHIO, G. *Le variazioni periodiche dello sconto*. Giron. d. Econ., Apr., 1913. Pp. 65.

The causes and significance of seasonal and other variations in the rate of discount, as occurring in various countries.

ESCHWEGE, L. *Kaiserdamm 44*. Die Bank, May, 1913.

FISHER, W. C. *The tabular standard in Massachusetts history*. Quart. Journ. Econ., May, 1913.

FISKE, A. K. *Currency reform*. No. Am. Rev., May, 1913.

GIBSON, A. H. *Growth of leading savings banks*. Savings Bank of Glasgow. Bankers' Mag. (London), June, 1913.

HALE, R. S. *Depreciation in its relations to investments, earnings and value*. Engg. Mag., May, 1913.

HERRICK, M. T. *The farmer and finance*. Atlantic, Feb., 1913. Pp. 8.

HOGAN, J. V. *Banking management in Europe*. Moody's Mag., May, 1913.

INNES, A. M. *What is money?* Banking Law Journ., May, 1913.

LANSBURGH, A. *Praktische Geldpolitik*. I. *Die Schwankungen des Geldwerts*. Die Bank, May, 1913.

LANSBURGH, A. *Die Landwirtschaftsbank für Südwestafrika*. Die Bank, May, 1913.

LEHFELDT, R. A. *The rate of interest on investments in 1912*. Journ. Royal Stat. Soc., March, 1913.

LEVY, R.-G. *La monnaie*. Rev. Intern. du Com., Mar., 1913.

NIELSEN, A. *Banker og Sparekasser*. Nat. ök. Tids., Mar.-Apr., 1913. Pp. 11.

A theoretical discussion of commercial banks and savings banks based mainly on the distinction between the former as credit institutions for entrepreneurs and the latter as institutions for salaried persons.

NOYES, A. D. *The money trust*. Atlantic, May, 1913.

- PAGET, J. *Gilbart lectures, 1913; I, II and III.* Journ. Inst. Bankers, Apr., 1913.
- PATTERSON, E. M. *Certain changes in New York's position as financial center.* Journ. Pol. Econ., June, 1913. Pp. 8.
- PAYEN, E. *Les associations coopératives de crédit.* L'Econ. Franç., May 3, 1913.
- DE PENHA-GARCIA. *La nouvelle monnaie portugaise.* Rev. Sci. Pol., Mar.-Apr., 1913.
- RAFFALOVICH, A. *La banque d'Allemagne en 1912.* L'Econ. Franç., Apr. 19, 1913.
- RALFE, P. G. *Banking and commerce in a "home rule" island.* Scottish Bankers Mag., Apr., 1913.
- ROLLINS, M. *The evolution of the investment banker.* Rollins Mag., Apr., 1913.
- TARBELL, I. M. *Hunt for a money trust.* American, May, 1913.
- TAUSSIG, F. W. *The plan for a compensated dollar.* Quart. Journ. Econ., May, 1913.
- VARGA, E. *Goldproduktion und Teuerung.* Neue Zeit, Jan. 17, 1913.
- VOSE, E. N. *Does the American farmer really pay eight and a half per cent per annum for his mortgage?* Bankers' Mag., Apr., 1913.
- WARMING, J. *Lovgivning om Banker og Sparekasser.* Nat. ök. Tids., Jan.-Feb., 1913. Pp. 44.
- A discussion of Danish banks and banking conditions, and particularly of two bills before the rigsdag aiming at a greater security for depositors.
- WICKSEL, K. *Penningsvärdets reglerande.* Ek. Tids., No. 4, 1913. Pp. 8.
- Believes that a rational regulation of money value will be possible only when gold ceases to be the measure of value and its place is taken by properly regulated issue of bank notes and banking methods.
- WOOD, R. H. *The branch bank system in Australia and its value and suitability to the needs of the community.* Journ. Inst. Bankers New South Wales, Jan., 1913.
- ZUCKERLANDL, R. *Das neue Privilegium der Oesterreichisch-ungarischen Bank.* Jahrb. f. Nat. Oek., Jan., 1913.
- *Coöperative agricultural credit in India.* Mo. Bull. Econ. & Soc. Intelligence, Mar., 1913.
- *The mortgage loans of the Prussian savings banks.* Mo. Bull. Econ. & Soc. Intelligence, Feb., 1913.

## Public Finance

(Abstracts by C. C. Williamson)

- BALLANTINE, H. W. *Our grotesque inheritance laws.* Green Bag, June, 1913. Pp. 5.



The dean of the law school of the University of Montana shows the need of a more rational regulation of inheritances, and suggests, by way of example, that we may "have to resort to an annihilative taxation of incomes, taking over all incomes above \$100,000."

DE BIERMONT, P. *L'octroi de Paris. Le passé. Le présent. L'avenir.* Journ. des Econ., Apr., 1913. Pp. 30.

Condemns the injustice, inequality, and inexpediency of the octroi, an anachronism that is bound to disappear.

BLUM, J. *Budgetrecht und Finanzpraxis. Ihre Gegenwartsaufgaben.* Zeitschr. f. Politik, V, Heft 2-3, 1913. Pp. 137.

BOYLE, J. E. *County budgets: economy and efficiency in expenditures.* Ann. Am. Acad., May, 1913. Pp. 14.

The present situation of county finances and accounting is bad. Commission government for counties is advocated as a remedy, together with compulsory uniform accounting, which is a prerequisite for scientific budget making. The article gives a useful resumé of existing laws on uniform accounting.

BRIEFS, G. *Die organisatorische und wirtschaftliche Entwicklung im deutschen Brennereigewerbe unter dem Einflusse der Reichsbranntweinsteuergesetzgebung.* Jahrb. f. Nat. Oek., Jan., 1913. Pp. 27.

BRINDLEY, J. E. *State supervision of county assessment and taxation.* Ann. Am. Acad., May, 1913. Pp. 14.

Changed economic conditions have made necessary a greater centralization of administrative machinery. Already some plan of state review or equalization is found in thirty-eight of the forty-eight states. The present tendency of tax reform is to increase the authority of state officials, ex-officio bodies being replaced by permanent commissions or commissioners.

BRUERE, H. *The biggest municipal debt in the world.* Real Estate Record & Builders' Guide, May 10, 1913. Pp. 2.

Gross funded debt of New York city exceeds a billion. Borrowing limit virtually reached. New methods of financing public works must be found.

BULL, A. J. *A critical examination of the incidence of the various forms of taxation, with especial reference to their influence upon industrial conditions.* Journ. Inst. Bankers, June, 1913. Pp. 20.

A prize essay of the Institute of Bankers.

CHASE, H. S. *The national budget on its expenditure side.* Journ. Account., June, 1913. Pp. 14.

An outline of the federal budget problem by a member of the President's Commission on Economy and Efficiency.

CLARK, J. B. *Proposed surtax.* Real Estate Record & Builders' Guide, Feb., 1913. Pp. 4.

CLEVELAND, F. A. *What is involved in the making of a national budget.* Journ. Account., May, 1913. Pp. 16.

COKER, F. W. *Administration of local taxation in Ohio*. Ann. Am. Acad., May, 1913. Pp. 17.

Devoted to the general property tax, its history and administration, and the reform movements and legislation of recent years.

COX-SINCLAIR, E. E. and HYNES, T. *Some problems in land values*. Law Mag. & Rev., May, 1913. Pp. 13.

DIOMIDIS. *Le budget grec de 1913*. Le Mouv. Econ., Apr. 1, 1913. Pp. 5.

A summary of a statement made by the Minister of Finance on submitting the 1913 budget to the Chamber.

DOBROVICI, G. M. *Historique de la dette publique en Roumaine*. Mouv. Econ., Apr. 1, 1913. Pp. 13.

DURAND, C. *Le budget russe de 1913*. L'Econ. Franç., May 17, 1913. Pp. 3.

FOY, S. *The death duties as a socialist agency*. Socialist Rev., Apr., 1913. Pp. 6.

Proposes that the state should gain control over industry by requiring the payment of inheritance taxes in kind and retaining all property so received.

FRICKE, A. *Die Ausgaben für die offene Armenpflege in den deutschen Grossstädten (1900-1910)*. Zeitschr. f. d. Armenwesen, Apr., 1913. Pp. 15.

FROST, J. E. *Taxation and finance*. Pacific Municipalities, June, 1913. Pp. 5.

GEISSER, A. *Il mercato del credito ed i prestiti municipali*. Rif. Soc., Feb.-Mar., 1913. Pp. 19.

GERLING. *Systeme und Technik der Kommunalen Schuldbücher*. Ann. deut. Reichs, Mar. 15, 1913. Pp. 10.

GETTEMY, C. F. *The function of the state in relation to statistics of municipal finances*. Quart. Pubs. Am. Stat. Assoc., Mar., 1913. Pp. 13.

Urges the need of uniform and adequate municipal accounting systems, under state supervision, as a means of securing the statistical data necessary for efficiency in municipal government.

GOODNOW, F. J. *The nature of tax exemptions*. Columbia Law Rev., Feb., 1913. Pp. 17.

A re-examination of the decisions of the United States Supreme Court on tax exemptions in the light of its decision in the case of *Choate v. Trapp*, 224 U. S. 665 (1912). This is the first case which has "intimated that a repeal of a tax exemption is a taking of property without due process of law contrary to the fifth amendment."

GRAF. *Deutsche Luxussteuern*. Ann. deut. Reichs, Apr., 1913. Pp. 11.

GUYOT, Y. *Les dépenses militaires en Europe*. Journ. des Econ., Apr., 1913. Pp. 22.

The total military expenditures of the six great European powers increased 128 per cent from 1883 to 1912; the Balkan war threatens to accelerate the rate of growth of this burden which is already crushing Europe's productive capacity.

HAVAS, E. *Das ungarische Einkommensteuergesetz*. Blätter f. Vergleich. Rechtswis., May, 1913. Pp. 2.

A supplement to an article published in the same journal in 1907, discussing the proposed income tax. Although enacted in 1909, the law has not gone into effect until 1913. This article shows the modification made while the act was under consideration.

JEZE, G. *Les méthodes budgétaires. Le contenu du budget.* Rev. Sci. Legis. Finan., Jan.-Mar., 1913. Pp. 30.

A review of current discussion of problems of budgetary practice in England, Belgium, Switzerland, France, and the United States. The budget type found in the United States is descended from the English, though it has deviated so far from the English model as to constitute a special type.

KLEINDINST, J. T. *Die deutschen Kriegsanleihen in den Jahren 1870 und 1871.* Ann. deut. Reichs., Jahrg. 46, Heft 4, 1913. Pp. 36.

To be continued.

KLUPPEL, L. *Die Beamten der Arragonischen Hof- und Zentralfinanzverwaltung am Ausgange des 13. Jahrhunderts.* Viert. f. Soz. u. Wirtsch. Gesch., XI, 1-2, 1913. Pp. 44.

LEORY-BEAULIEU, P. *Politique et finances chinoises.* L'Econ. Franç., May 17, 1913. Pp. 2.

LEROY-BEAULIEU, P. *Le prochain grand emprunt français: examen du montant présumé de l'emprunt et du type à adopter.* L'Econ. Franç., May 24, 1913. Pp. 3.

LEROY-BEAULIEU, P. *Les projets d'impôts nouveaux.* L'Econ. Franç., May 31, June 7, 1913. Pp. 3, 3.

LEROY-BEAULIEU, P. *Le Sénat et le budget.* L'Econ. Franç., Apr. 12, 1913. Pp. 3.

Harshly criticises the Senate for failing to reduce the expenditure side of the budget.

LEROY-BEAULIEU, P. *La situation financière et les circonstances nouvelles.* L'Econ. Franç., May 10, 1913. Pp. 2.

The problem of curtailing excessive expenditures.

LEVY, G. *L'administration de la dette ottomane.* Mouv. Soc., Mar.-Apr., 1913. Pp. 4.

LINDARS, F. W. *The segregated budget as applied to municipal engineering work.* Proc. Municipal Engineers of City of N. Y. for 1912. Pp. 33.

A useful paper advocating the segregated and functionalized municipal budget.

LUSTGARTEN, W. *Raising revenue for the city of New York.* Single Tax Rev., Jan.-Feb., 1913. Pp. 5.

LUZZATTO, G. *Le finanze di un castello nel sec. XIII.* Viert. Soz. und Wirtsch. Gesch., XI, 1-2, 1913. Pp. 84.

MACLER. *Le budget des chemins de fer de l'état.* Journ. des Econ., Jan., 1913. Pp. 14.

MAGNAN, L. J. *Les douanes françaises.* Rev. Intern. du Com., Mar., 1913. Pp. 11.

MARTIN, G. *La surintendance de pouquet et les operations de crédit public.* Rev. d'Hist. Econ. et Soc., 1913. No. 1. Pp. 45.

A study in French finance of the seventeenth century.

MEURIOT, P. *Quinze ans d' "income tax."* Journ. Soc. Statist., Apr., 1913. Pp. 16.

A detailed study of the English income tax, schedule by schedule, for the years 1896 to 1911. An enormous growth in national income is revealed, showing the falsity of the contention of the tariff reformers that free trade is ruining England. Revenue from the income tax has grown even faster than the income assessed, the latter having increased 51.6 per cent in the period under review, while income tax receipts increased 153 per cent.

MURRAY, R. A. *Intorno alla nozione dei bisogni pubblici.* Giorn. d. Econ., Mar., 1913. Pp. 4.

NEWMAN, J. R. P. *The new land taxes and their results. The bursting of the bubble.* Empire Rev., June, 1913. Pp. 5.

OWEN, M. *Public ownership and the increase of taxation in Great Britain.* Concerning Municipal Ownership, July, 1913. Pp. 5.

PAWLOWSKI, A. *La situation économique et financière de l'Italie.* Journ. des Econ., Apr. 15, 1913. Pp. 18.

REINHARD, O. *Die Zehntablösung in Württemberg.* Zeitschr. f. d. ges. Staatsw., Jahrg. 69, Heft 2, 1913. Pp. 58.

RIZZI, L. *La municipalisation des services publics in Italie.* Réf. Soc., Jan., 1913. Pp. 14.

ROY, G. *La taxe vicinale.* Rev. Gén. d'Admin., Apr.-Mar., 1913. Pp. 31.

TORNEBLADH, I. *Om taxering af jordbrugsfastiget i Särskilda Brukningsdelar m.m.* Ek. Tids., No. 1, 1913. Pp. 5.

An explanation and criticism of parts of recent Swedish laws as to taxation of certain forms of real property.

TRIAS, J. DED. *L'impôt sur les droits réels dans la législation espagnole au point de vue international.* Rev. de Droit Intern. Privé et de Droit Penal Intern., Jan.-Feb.-Mar., 1913. Pp. 7.

VALEGEAS, J. *Le virement de banque et le mandat—contributions pour le paiement des droits universitaires.* Rev. Gén. d'Admin., Jan., 1913. Pp. 15.

VOGEL, H. W. *A history of the taxation of real estate and the tax maps of the city of New York.* Proc. Municipal Engineers of City of N. Y. for 1912. Pp. 35.

VORYS, A. I. *The regulation and taxation of insurance.* Case and Comment, June, 1913. Pp. 5.

WILLIAMS, W. M. J. *The budget for 1913-14.* Contemp. Rev., June, 1913.

————— *China's indebtedness.* Journ. Am. Asiatic Assoc., Apr., 1913. Pp. 4.

A reprint from the "North China Daily News."

————— *An increment tax would stop speculation. If real estate should*

*fail them, where could thrifty folk invest their savings? A long chain of evils would attend a surtax.* Real Estate Record & Builder's Guide, Apr., 1913. P. 1.

———— *Methods of income tax collection.* Mo. Bull. N. Y. Chamb. Comm., June, 1913. Pp. 5.

A report by Mr. Frank A. Vanderlip, chairman of the committee on finance and currency of the chamber of commerce of the state of New York, pointing out the hardships which would result from collecting the proposed federal income tax by the method of "deduction at the source."

———— *Taxes in Japan.* Japan Finan. and Econ. Mo., Mar., 1913. Pp. 3.

———— *Die Leistungen der Gemeinden an Staatssteuern und Umlogen in den Jahren 1908-1910.* Zeitschr. d. K. Bayerischen Statistischen Landesamts., Jahrg. 45, Heft. 2, 1913. Pp. 202.

———— *Der preussische Etatsentwurf für 1913.* Verwaltung und Statistik., Apr., 1913. Pp. 4.

### Tariffs and Reciprocity

(Abstracts by Henry R. Mussey)

BALLOU, S. *The tariff and the price of sugar.* Moody's Mag., May, 1913. Pp. 5.

A clear explanation of the course of sugar prices in recent years, showing the importance of free raw sugar to the seaboard refiners in their intensifying struggle with the beet sugar men.

BLAKEY, R. G. *American beet sugar and the tariff.* Independent, May 29, 1913. Pp. 5.

Favors a gradual removal of the sugar duties, extending over a period of eight or ten years.

BLAKEY, R. G. *Beet sugar and the tariff.* Journ. Pol. Econ., June, 1913. Pp. 15.

Argues that the enactment of the proposed bill would probably destroy a large part of our beet sugar industry. While favoring reduction, questions whether it ought not to be spread over a longer period.

BLAKEY, R. G. *The proposed sugar tariff.* Pol. Sci. Quart., June, 1913. Pp. 19.

A statement of the forces working for and against free sugar. A careful and dispassionate estimate of the probable effects of the proposed law on prices, consumption, production and marketing throughout the world.

BRETT, G. P. *Tariff reduction from the standpoint of the business man.* Outlook, May 17, 1913. Pp. 3.

The proposed reduction of the tariff will reduce prices somewhat, cut extravagant and unnecessary expenses of management and selling, and thus improve the distribution of wealth and increase the soundness of social life.

CABIATI, A. *L'istituto cotoniero italiano e la crisi*. Rif. Soc., Apr., 1913. Pp. 59.

A survey of the recent history of cotton manufacturing in Italy, concluding with tables showing the financial position of the leading firms. The textile crisis is not to be met by a protective tariff.

GUYOT, Y. *La revision du tarif des Etats-Unis*. Journ. des Econ., May, 1913. Pp. 15.

An approving article giving the setting and the main features of our proposed new tariff.

HECKSCHER, E. F. *Tullpolitik och trustväsen*. Ek. Tids., No. 2, 1913. Pp. 43-71.

A theoretical discussion of the relation between tariff and trusts with special reference to the proposed reduction of duties on sugar in Sweden.

HOLLANDER, J. W. *Der deutsche Zolltariff von 1902*. Jahrb. f. Gesetzgebung, Verwaltung u. Volkswirtschaft, 37 Jahrg., 2 Heft, 1913. Pp. 29.

A continuation from the preceding number of the "Jahrbuch." Deals with the fall of Caprivi, the administration of Hohenlohe, and the accession of v. Bülow. A detailed study.

LAUT, A. C. *Save the citrus groves*. Sunset Mag., Apr., 1913. Pp. 14.

A somewhat lurid account of the efforts of the "Italian lemon trust" to get the duty on lemons removed, with an argument to show the benefits consumers have received from the activities of the California Fruit Exchange.

LONGWORTH, N. *The democratic tariff bill*. Outlook, May 13, 1913. Pp. 3.

Criticizes the Underwood bill as representing purely political trading, and argues for a permanent tariff commission.

MUSSEY, H. R. *The duty of the democrats*. Independent, Mar. 27, 1913. Pp. 6.

A discussion of what can be done in tariff reduction without serious injury to business, and a statement of the probable effects on prices and production.

DE NOUVION, G. *Protectionnisme et tuberculose*. Journ. des Econ., May, 1913. Pp. 21.

Alcoholism is the great cause of tuberculosis; insufficient food the cause of alcoholism; high price the cause of insufficient food; protection the cause of high price.

PAGE, T. W. *Our wool duties*. No. Am. Rev., Apr., 1913.

PAYEN, E. *Le régime douanier des colonies françaises*. Rev. Econ. Intern., May, 1913. Pp. 19.

The actual customs system of the French colonies, the criticism of that system, the reforms that have been suggested and the actual proposals for change submitted to the chambers by the minister for colonies.

STONE, N. I. *Our tariff "schedule K."* Century, May, 1913. Pp. 9.

A fierce attack on Schedule K, with heavy guns from the Tariff

Board armory. The duties are highly burdensome to the consumer, unfair to the woolen manufacturer, needless to the progressive wool grower, and useful only to the capitalist worsted manufacturer.

TAUSSIG, F. W. *Industries worth having*. Atlantic, May, 1913. Pp. 10.

A semi-popular, clear exposition of the doctrine of comparative costs, arguing against the delusion that a country should undertake to develop every possible industry.

TRAUTSCHOLD, R. *The tariff and our foreign trade*. Moody's Mag., June, 1913. Pp. 6.

A statistical examination of the total of our imports and exports, and a comparison of their fluctuations with changes in tariff policy and other influencing forces. The writer's theory is that prosperity depends in large degree on the volume of foreign trade.

TURNER, W. *What might have been: a fiscal puzzle*. West. Rev., Apr., 1913. Pp. 11.

A comparison of the progress of Belgian and Spanish trade during ten years, and a forecast of American trade expansion under lower duties.

————— *Eighth annual conference of the Tariff Reform League*. Mo. Notes on Tariff Reform, Apr., 1913.

————— *The new tariff*. Journ. Pol. Econ., May, 1913. Pp. 9.

A statement of the contents of the Underwood bill, schedule by schedule.

————— *Sentiment for free port*. Greater N. Y., June 2, 1913.

————— *Monthly Notes on Tariff Reform*, May, 1913.

Contains "India and imperial preference" (pp. 3); "Tariff reform for India" (pp. 6); "Tariff reform in Parliament" (pp. 9).

————— *Per la costituzione di una "Lega Antiprotezionista."* Ref. Soc., Apr., 1913. Pp. 6.

A proposal signed by leading Italian free-traders for the establishment of an "Anti-protectionist League" which, by opposing tariffs, should reduce the cost of living in Europe.

### Insurance and Pensions

ABEL. *Mechanische Gewinnbeteiligungssysteme in der Lebensversicherung*. Versicherungs-Wissenschaft, May, 1913.

BELLOM, M. *L'assurance contre le chômage par la liberté: quelques exemples de l'étranger*. L'Econ. Franç., May 3, 1913.

BELLOM, M. *L'assurance par l'état et l'assurance privée, d'après l'expérience néo-zélandaise*. L'Econ. Franç., Mar. 29, 1913.

DANIEL, H. *Sygeforsikringen i Europa*. Nat. ök. Tids., Mar.-Apr., 1913. Pp. 4.

Sickness insurance in Europe discussed—compulsory and voluntary. In Denmark, 40 per cent of the population over 15 are insured.

ELPERTING. *Die Verwandtenschlussklausel und Verwandtenregressklausel in der Haftpflichtversicherung*. Versicherungs-Wissenschaft, May, 1913.

FEILCHENFELD. *Ueber Zuckerfestigkeit und ihre Prüfung in der Lebensversicherung.* Versicherungs-Wissenschaft, May, 1913.

GRAUER. *Treu und Glauben im Versicherungsverkehr.* Versicherungs-Wissenschaft, May, 1913.

JEZE, G. *Le monopole public des assurances en Uruguay.* Rev. Sci. Legis. Finan., Jan.-Mar., 1913.

JOHNSON, S. *The health and medical treatment of the uninsured.* Journ. Royal Stat. Soc., Mar., 1913.

LEE, P. R. *The Massachusetts report on the relief of widows.* Survey, Apr. 26, 1913.

MASON, E. F. *Municipal pensions.* Nat. Munic. Rev., Apr., 1913.

RUBINOW, I. M. *Subsidized unemployment insurance.* Journ. Pol. Econ., May, 1913.

SHARPE, D. R. *The insurance act and voluntary aid.* Charity Organ. Rev., May, 1913.

THORSON, C. *De Danske Livsforsikringsselskabers Aktiver.* Nat. ök. Tids., Mar.-Apr., 1913. Pp. 24.

An analysis of the assets of Danish life insurance companies.

THORSON, C. *Statsmonopoliseringen af Livsforsikringsvirksomheden i Italien.* Nat. ök. Tids., Nov.-Dec., 1912. Pp. 16.

A discussion of state monopolization of life insurance in Italy under the law of April 22, 1912.

TRAP, C. *De nye svenske og norske Kommissionsforslag om en Invalide- og Alderdomsforsikring.* Nat. ök. Tids., Mar.-Apr., 1913. Pp. 17.

A critical examination of the invalid and old-age insurance plans proposed by special commission in Norway and Sweden.

VUOLI, R. *L'assicurazione obbligatoria nei lavori agricoli.* Riv. Intern., May, 1913. Pp. 22.

The moral basis of compulsory insurance against accidents with special reference to the position of agricultural laborers.

WHITING, F. J. *The German prototype of American compulsory insurance.* Stone & Webster Pub. Serv. Journ., May, 1913.

WICKSEL, K. *Alderdomsförsäkringskommitténs betänkande.* Ek. Tids., No. 12, 1912. Pp. 25.

A criticism of the report recently published by the Swedish Old-Age Pension Committee with whose conclusions and recommendations the author is not altogether in agreement.

————— *Forestry insurance in France.* Mo. Bull. Econ. & Soc. Intelligence, Mar., 1913.

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## Population and Migration

(Abstracts by William B. Bailey)

JENSEN, A. *Den samlede Virkning Af Dødelighedens og Fødselshyppighedens Aftagen*. Nat. ök. Tids., Mar.-Apr., 1913. Pp. 10.

A study of the effects of the decreasing birth and death-rates. The author does not believe that national vitality and economic productiveness is likely to continue with a decreasing death-rate.

HANSON, S. *Om Raceforbedring*. Nat. ök. Tids., Jan.-Feb., 1913. Pp. 20.

A lecture on eugenics. Not in favor of a very marked encroachment on personal liberty.

MEURIOT, P. *La population étrangère en France (1851-1911)*. Journ. Soc. Statist., Dec., 1912.

SAVORGAN, F. *Il fattore confessionale nella scelta matrimoniale*. Riv. Ital. d. Sociol., Mar.-Apr., 1913. Pp. 30.

A study of marriage by religious affiliation based on figures of various countries. Marriage of Jew with Jew is exceptionally frequent.

WELTON, T. A. *Note on urban and rural variations according to the English census of 1911*. Journ. Royal Statist. Soc., Feb., 1913. Pp. 13.

In several of the largest cities of England there is a tendency toward loss of population by migration. The loss of the rural districts by migration is apparently considerably retarded.

————— *Den aftagende Tuberkulose-Dødelighed*. Nat. ök. Tids., Nov.-Dec., 1912. Pp. 2.

According to the official report of Dr. J. Carlsen of the medical statistics office of the Danish health department, there has been a marked decline in tuberculosis mortality in Denmark from 1890 to 1909.

————— *Faran af för lag nativitet*. Ek. Tids., No. 3, 1913. Pp. 2.

The danger of too low a birth-rate as shown by the estimated future populations up to 1948, of France, Germany, and Russia.

## Pauperism and Charities

(Abstracts by Frank D. Watson)

HARRIS, E. F. *Charity functions of the Pennsylvania county*. Ann. Am. Acad., May, 1913.

A study of the evolutionary process by which the functions of the Pennsylvania county have changed from the simple duties of caring for all classes of dependents as paupers to the complicated machinery now existing.

LEPPINGTON, C. H. D'E. *Public and private relief in Russia*. Char. Organ Rev., Apr., 1913.

An historical account of the development of public and private relief in Russia, with special emphasis on development of point of view that "aims at raising the poor man himself out of his misery." "The church is now but little concerned in the care of the poor." "Today most of the forms of benevolence are classed as regulated by

a special law." Outside them the freedom of initiative permitted in matters of charity is very limited.

MARRIOTT, J. A. R. *The problem of poverty*. Nineteenth Cent., June, 1913. Pp. 13.

A criticism of the main thesis of an article in the February issue of the "Nineteenth Century," in which the Canon of Westminster maintains that "if the poor are to become richer, the rich must become poorer." The critic holds that "the wealth of the relatively few is not responsible for the poverty of the many"; and devotes this article to the proposition that the opposite of this statement has no basis of justification either in historical fact or in economic theory.

### Socialism

ARBUTHNOT, C. C. *Did Jesus teach Christian socialism?* Biblical World, Mar., 1913.

BARUFFALDI, A. and LA RIFORMA SOCIALE. *La meravigliosa storia die una antina comunale socialista*. Réf. Soc., Jan., 1913.

To restore the quality, price, and fame of its wines, Canneto Pavese set up a municipal wine-making establishment. Fraud, error, and ignorance in administration brought bankruptcy with heavy liabilities. The article is an official report of the episode.

BISHOP, J. B. *Government socialism in Panama*. Scribner, Mar., 1913.

BOUGLE, C. *Rousseau et le socialisme*. Rev. de Métap. et de Morale, May, 1912. Pp. 11.

BULL, E. *Die sozialistische Bewegung in Norwegen*. Archiv f. Gesch. Soz., No. 3, 1913.

CARISTIA, C. *L'ultima crisi del socialismo*. Riv. Intern., Jan., 1913. Pp. 5.

The recent congress at Reggio gave birth to a new socialist party, headed by Bissolati. Since its stand is primarily for universal suffrage, tax reform and similar issues, it constitutes a new attack on the Marxian traditions.

JOUHAUX, L. *Syndicalisme et socialisme*. Rev. Soc., Mar., 1913.

LEROY-BEAULIEU, P. *Public ownership in France*. No. Am. Rev., Mar., 1913.

LOW, A. M. *What is socialism?* I, II, III, IV. No. Am. Rev., Jan., Feb., Mar., Apr., 1913.

RAPPARD, W. E. *Karl Marx and labor legislation*. Quart. Journ. Econ., May, 1913.

ROCHE, J. *Socialism and the state*. No. Am. Rev., May, 1913.

VOIGT, A. *Gemischter und ungemischter Staatssozialismus*. Zeitschr. f. Socialwis., Jan., 1913.

W. Z. *Soziale Kultur und genossenschaftlicher Sozialismus*. Soziale Praxis, May 22, 1913.

## Housing

(Abstracts by James Ford)

ARONOVICI, C. *Constructive housing reform*. Nat. Munic. Rev., Apr., 1913. Pp. 11.

Undertakes to determine the economic causes of evil housing conditions in America. Especial reference to rents and size of rooms.

BENTINCK, H. *Co-partnership in land and housing*. Contemp. Rev., May, 1913. Pp. 6.

Outlines methods of the British Rural Co-Partnership Housing and Land Council, and shows the problems and practices of the affiliated associations.

FORD, J. *Some fundamentals of housing reform*. Am. City, May, 1913. Pp. 10.

Relation of housing to health, safety, morality, efficiency. Especial reference to bearing of housing upon the city plan (streets, lots, zoning, taxation, control of urban growth).

FRY, T. C. *The housing question*. Econ. Rev., Apr. 15, 1913. Pp. 10.

Appeal for action in urban and rural districts under present British housing laws.

FUCHS, C. J. *Der preussische Wohnungsgesetzentwurf und das Reich*. Ann. f. Soz. Pol. u. Gesetz., II, 5-6, 1913. Pp. 18.

Critical treatment of details of the Prussian housing bill.

GUIZERIX, L. *Le problème de l'habitation ouvrière*. II. *Les habitations à bon marché*. Mouv. Social, Mar. 1, 1913. Pp. 18.

Summarizes French laws promoting construction of workmen's dwellings.

GUIZERIX, L. *Le problème de l'habitation ouvrière*. III. *Les résultats obtenus*. Mouv. Social, Apr., 1913.

Considers results of French housing laws for promoting cheap construction. Also outlines and criticizes legislation dealing with unsanitary dwellings.

KATSCHER, L. *Vermischte Beiträge zur Wohnungsfrage Krankenkassenverbände und Leipziger Aerzteverband*. Zeitschr. f. d. ges. Staatswis., No. 2, 1913. Pp. 21.

Useful description of the "model" tenements and lodging houses of Vienna, coöperative housing in Belgium, municipal housing in Switzerland, the Helleran garden suburb near Dresden, and the British Guinness Fund.

KUCZYNSKI, R. *Die wohnungsnot in Paris*. Sozial Praxis, May 29, 1913. Pp. 2.

Comparison of number of vacant dwellings of specified low rentals in Paris and Berlin.

NOLEN, J. *City-planning studies for the national conference on city planning*. Landscape Architecture, Apr., 1913. Pp. 24.

Statistical comparison of nine plans for the use of a hypothetical suburban land area.

RUSCH, M. *Der kommunale Wohnungsnachweis*. Jahrb. f. Nat. Oek., Feb., 1913.

TAYLOR, G. R. *Satellite cities, VI. Efficiency and community life.* Survey, June 7, 1913. Pp. 14.

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### Statistics

(Abstracts by A. A. Young)

BECHTOLD, F. *Die Statistik, ihr Wesen und ihre Bedeutung für unser wirtschaftliches und soziales Leben.* Politisch-anthropologische Rev., Aug., 1912.

BOWLEY, A. L. *The census of production and the national dividend.* Econ. Journ., Mar., 1913.

The statistical results and estimates presented in the "General Report" of the recent British census of production are analyzed with reference to their bearing upon income statistics and upon the general concept of the "national dividend."

DE BRAY, A. J. *L'exposition graphique des statistiques.* Rev. Econ. Canadienne, Feb., 1913.

An elementary account, following the lines of Levasseur's well-known paper in the jubilee volume of the Statistical Society.

EDGEWORTH, F. Y. *On the use of the theory of probabilities in statistics relating to society.* Journ. Royal Stat. Soc., Jan., 1913.

A presidential address before the Royal Statistical Society. Indicates some interesting analogies in molecular physics; discusses the limitations of the theory of sampling and of the application of the normal law to social statistics.

EULENBERG, F. *Die Statistik in Deutschland.* I. Deutsche Literaturzeitung, June 22, 1912.

FLUX, A. W. *Gleanings from the census of production report.* (With discussion.) Journ. Royal Statist. Soc., May, 1913.

Virtually a supplement to Mr. Flux's admirable "General Report" on the recent English census of production. Deals especially with the figures for the average "net output" per person in different industries.

FORNASARI DI VERCE, E. *La preparazione di un censimento.* Giorn. d. Econ., Nov.-Dec., 1912. Pp. 24.

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GETTEMY, C. F. *The function of the state in relation to statistics of municipal finance.* Quart. Pubs. Am. Stat. Assoc., Mar., 1913.

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A defense of the writer's recent book of the same title against criticisms urged in a review in the journal for February, 1913.

KOLLMAN, P. *Die neusten Veröffentlichungen des Internationalen Statistischen Instituts*. Jahrb. f. Nat. Oek., Apr., 1913.

LENOIR, M. *Prix, production et consommation de quelques marchandises*. Bull. Stat. Gén., Jan., 1913.

An important study of the price movements of coal, wheat, cotton, and coffee. The deviations of annual prices from a nine-year average are used as a basis. The standard deviation shows the increasing stability of prices, while correlation coefficients show the general relations between price deviations and similar deviations in production, consumption, and industrial activity (which last is measured by the consumption of coal).

MARCH, L. *Le traitement statistique des mesures mentales*. Bull. Inst. Gén. Psychol., Aug.-Oct., 1912.

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MENDELSON, M. *Die Entwicklungsrichtungen der deutschen Volkswirtschaft*, VI, VII. Zeitschr. f. Socialw., Oct., Nov., 1912.

The concluding articles of this useful series, dealing respectively with the new social groupings arising from the development of large-scale industry and with the employment of women in industry.

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A statistical compilation.

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A useful table of variations in the prices of important securities on the Paris bourse is printed as an appendix.

NICEFERO, A. *Per la revisione di alcuni punti dell'antropologia criminale*. Riv. d. Antropologia, Vol. XVII, 1912.

Deals especially with the use of the median and of frequency curves.

PEARSON, K. and HERON, D. *On theories of association*. Biometrika, Mar., 1913.

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PERRY, C. A. *A measure of the manner of living*. Quart. Pubs. Am. Stat. Assoc., Mar., 1913.

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DE PISSARGEVSKY, L. *Enquêtes sur les travail des femmes mariées dans les fabriques Néerlandaises*. Journ. Soc. Stat., Feb., 1913.

Figures drawn from a recent report by the department of labor of Holland.

DE PISSARGEVSKY, L. *Recherches sur les conditions économiques des ouvrieres industriels en Finlande*. Journ. Soc. Stat., Dec., 1912.

An extended abstract of the results of an inquiry recently completed by the bureau of statistics of Finland, covering wages, family incomes and family budgets.

REW, R. H. *The nation's food supply*. Journ. Royal Stat. Soc., Dec., 1912.

Statistics supplemented by estimates lead to the conclusion that the United Kingdom produces more than one half (in value) of the food it consumes, exclusive of tea, coffee, cocoa, and sugar.

RICCI, U. *L'ufficio di statistica dell' Istituto Internazionale di Agricoltura*. Giorn. d. Econ., Feb., 1913. Pp. 38.

An analysis of the organization and functioning of the statistical bureau of the International Institute of Agriculture.

ROSSITER, W. S. *Some possibilities in the practical application of federal census results*. Quart. Pubs. Am. Stat. Assoc., Mar., 1913.

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SECRIST, H. *The use of averages in expressing the wages and hours of Milwaukee street car trainmen*. Quart. Pubs. Am. Stat. Assoc., Dec., 1912.

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SHOVELTON, S. T. *The graduation of mortality tables*. Journ. Inst. Act., Apr., 1913.

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SNOW, E. C. *Some statistical problems suggested by the sickness and mortality data of certain of the large friendly societies*. (With discussion.) Journ. Royal Stat. Soc., Apr., 1913.

Ingenious and skillful analysis of somewhat unsatisfactory data by means of elaborate statistical methods. The most interesting result (and one which has an important bearing upon the operation of the National Insurance Act) is that there is no correlation between mortality and "short period" sickness and only a moderate correlation with longer periods of sickness.

DE VILLE-CHABROLLE, M. *La population industrielle comparée de l'empire Allemand et de la France*. Journ. Soc. Stat., Oct., 1912.

A detailed comparison of occupation statistics, with groupings for sex and for industries.

WEBB, A. D. *The consumption of alcoholic liquors in the United Kingdom*. Journ. Royal Stat. Soc., Jan., 1913.

Finds a marked correlation between the movements of real wages and the total consumption of liquor.

WILLCOX, W. F. *Statistics at the fifteenth international congress on hygiene and demography*. Quart. Pubs. Am. Stat. Assoc., Dec., 1912.

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WILLCOX, W. F. *The need of social statistics as an aid to the courts.* Am. Journ. Sociol., Mar., 1913; Quart. Pubs. Am. Stat. Assoc., Mar., 1913.

Presidential address before the American Statistical Association. Shows that the decisions in cases involving the constitutionality of labor laws are apt to hinge upon questions of fact, and the facts can be supplied only by an adequate system of social statistics.

WOLFF, H. *Zur Theorie der Statistik.* Jahrb. f. Nat. Oek., Nov., 1912.

An attempt to show the bearings of modern *Erkenntnistheorie* upon the theory of statistics. Special attention is given to Comte, Quetelet, Rümelin, and Sigwart among earlier writers and to Rickert and Tschuprow among moderns.

WOODS, R. A. *Unit accounting in social work.* Quart. Pubs. Am. Stat. Assoc., Mar., 1913.

As an aid to constructive social effort, census and registration statistics and the facts yielded by other administrative activities should be tabulated with full classifications for small local units (neighborhoods).

WURZBURGER, E. W. *The German statistical society and its annual meeting in Berlin, Oct., 1912.* Quart. Pubs. Am. Stat. Assoc., Mar., 1913.

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A compilation of figures from the *Canada Year Book* and the *Census of Canada*.